Speaker Positions

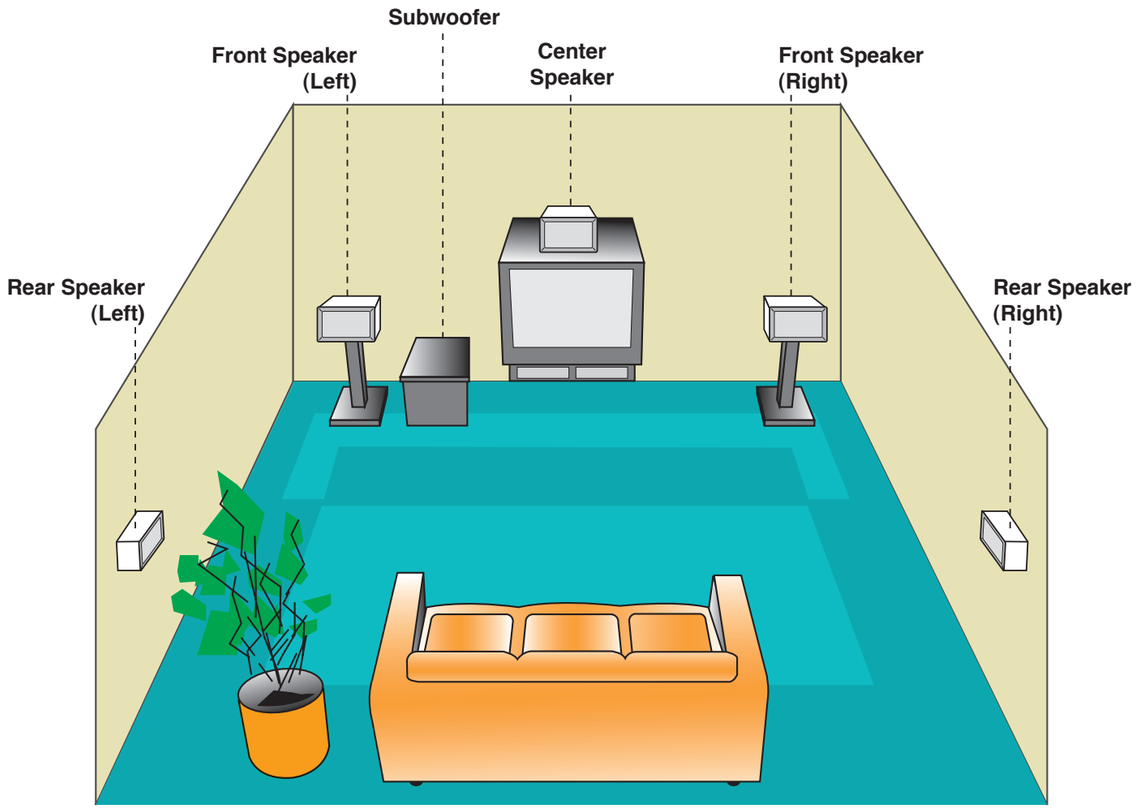
The normal setup uses 6 speakers (2 front speakers, center speaker, 2 rear speakers and subwoofer).

- **Front Speakers**
  From your listening poition, place the speakers an equal distance away and with an interval of 45 degrees between speakers.

- **Center Speaker**
  It is ideal if the center speaker and front speakers at the same height. You would normally place the center speaker above or below the television as shown below.

- **Rear Speakers**
  Place the rear surround speakers to the left and right behind the primary listening area. These speakers recreate sound motion and atmosphere required for surround playback. For best results, do not install the rear speakers too far behind the listening position, install them at or above the level of the listener's ears. It is also effective to direct the rear speakers towards a wall or ceiling to further disperse the sound.
  For smaller room sizes, if the audience is near to the rear wall, place the rear speakers opposite each other, and 24 - 36 inches above the listeners' ears.

- **Subwoofer**
  This can be placed in any front position.



P/N: 3840R-Q03?

zenith

Quick Setup Guide

MODEL: ZHX-313 DVD+Hi-Fi VCR SYSTEM

Please read this manual first!

Congratulations on purchasing this ZENITH product.
We've included everything you need to get started.
If you have any problems, ZENITH Representatives are your resource for answering your questions and helping you get the most from your new product.

Please read this manual before attempting to return this product to the store.

For fast help, call us first!

1-877-993-6484

Thank you for making ZENITH a part of your home!

TV Connections

- Make one of the following connections, depending on the capabilities of your TV.

RF Coaxial Connection (R)

Connect the RF.OUT jack on the DVD+Hi-Fi VCR to the antenna in jack on the TV using the 75-ohm Coaxial Cable provided **(R)**.

Note

If you use this connection, tune the TV to the DVD+Hi-Fi VCR System's RF output channel (CH 3 or 4).

How to set the DVD+Hi-Fi VCR's RF output channel

While the DVD+Hi-Fi VCR System is turned off, press and hold TUNING (▲/▼) on the front panel for about five seconds to change the RF output channel (CH 03 or CH 04). "RF 03" or "RF 04" appears in the display window.

S-Video Connection (S)

Connect the S-VIDEO OUT jack on the DVD+Hi-Fi VCR System to the S-Video in jack on the TV using the S-Video cable **(S)**.

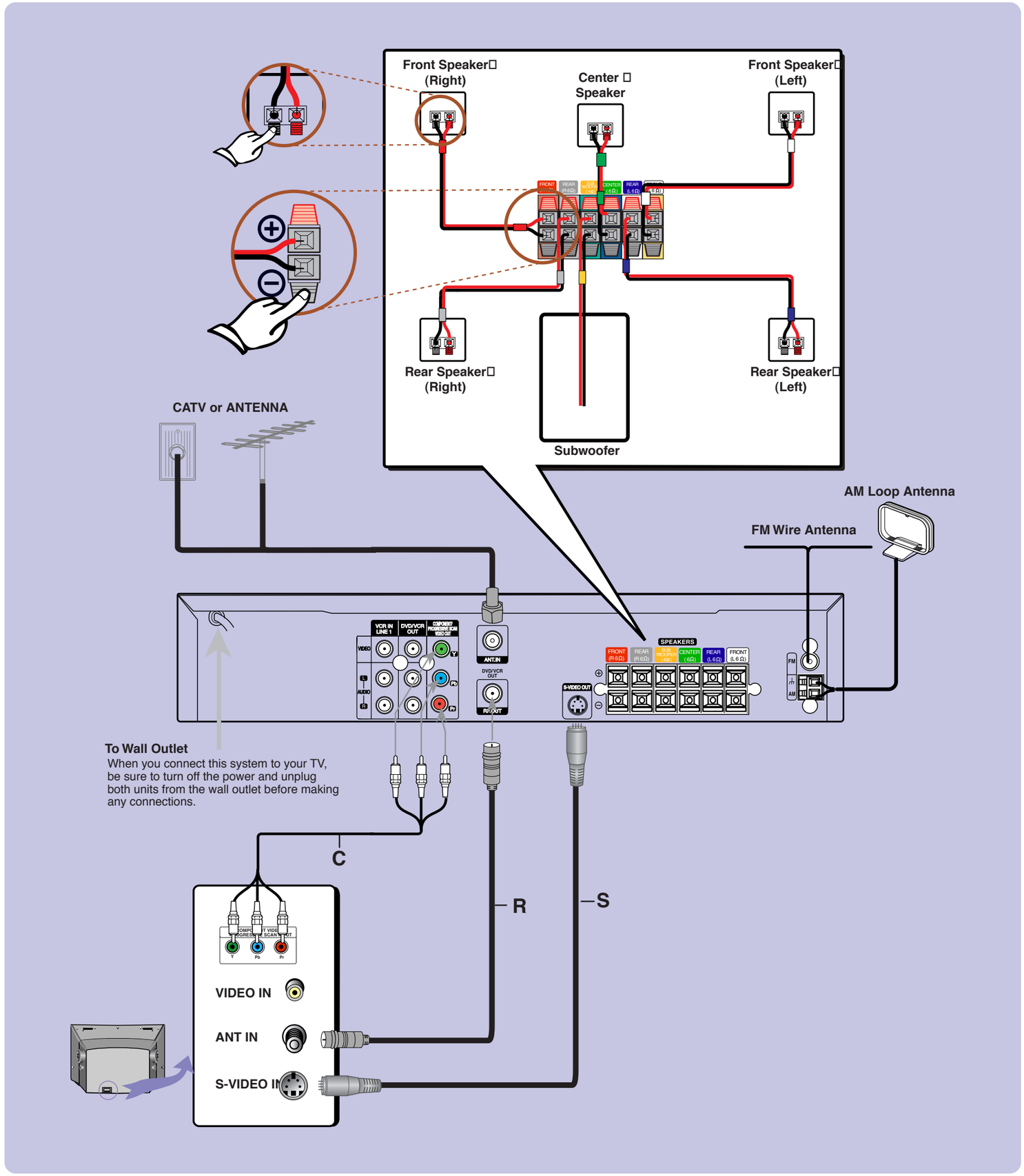
Component Video (Color Stream®) connection

Connect the COMPONENT VIDEO OUT jacks on the DVD+Hi-Fi VCR to the corresponding in jacks on the TV using Y Pb Pr cable **(C)**.

Progressive Scan (ColorStream® pro) Connection

- If your television is high-definition or "digital ready", you may take advantage of the DVD+Hi-Fi VCR System's progressive scan output for the highest video resolution possible.
- If your TV does not accept the Progressive Scan format, the picture will appear scrambled if you try Progressive Scan on the DVD+Hi-Fi VCR.

Connect the COMPONENT/PROGRESSIVE SCAN VIDEO OUT jacks on the DVD+Hi-Fi VCR to the corresponding in jacks on the TV using Y Pb Pr cables **(C)**.



Connecting Antenna/Cable TV to DVD+Hi-Fi VCR System

1 Disconnect the antenna leads from the rear of the TV.

2 Identify the type of cable from your antenna. If it is a round cable as illustrated, it is a 75 ohm coaxial antenna cable. This cable will connect directly to the jack marked ANT.IN on your DVD+Hi-Fi VCR System.

Tip

If your antenna lead wire is a flat type antenna cable, connect it to an Antenna Adapter (300-ohm to 75-ohm) (not supplied) and slip the Adapter onto the ANT.IN jack. The Adapter does not screw on to the DVD+Hi-Fi VCR, it just slips over the jack.

Speaker System Connections

Connect the speakers using the supplied speaker cords, match the colors on the cords with the terminal colors. To obtain the best possible surround sound, adjust the speaker parameters (distance, level, etc.).

Notes

- Be sure to match the speaker cord to the appropriate terminal on the components: ⊕ to ⊕ and ⊖ to ⊖. If the cords are reversed, the sound will be distorted and lack bass.
- When making the sound louder, adjust the sound level carefully to avoid excessive volume output to the speakers.
- Do not disassemble the front covers of supplied speakers.

Radio Antenna Connections

Connect the supplied AM/FM antennas for radio listening.

1 Connect the AM loop antenna to the AM antenna connectors.

2 Connect the FM wire antenna to the FM antenna connectors.

Notes

- To prevent noise pickup, keep the AM loop antenna away from the DVD+Hi-Fi VCR System and other components.
- Be sure to fully extend the FM wire antenna.
- After connecting the FM wire antenna, keep it as horizontal as possible.